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March 27, 2020

ADDENDUM NO. 3

Board of County Commissioners
ITB 2025-025
Solomons Island Headworks Pumping Station Upgrade
Calvert County, Maryland

To Prospective Bidders:

Following is an addendum to the referenced specifications. Please acknowledge receipt of this addendum by executing the signature block provided below. This signed addendum must be included with your proposal. Failure to do so may subject bidder to disqualification. This Addendum forms a part of the specifications and supplements and modifies them as indicated below:

SECTION 01010 SUMMARY OF WORK

REPLACE entire section with attached *Replacement Section 01010 Summary of Work* attached to this Addendum No. 3.

SECTION 01540 Article 1.05.D.2

DELETE in its entirety.

SECTION 01540 Article 1.05.D.3

REPLACE "3." with "2."

SECTION 01540 Article 2.01. PUMPS

ADD Item:

"F. Temporary pumping system shall draw sewage from the Flow Equalization Basin and discharge into the 10-inch force main serviced by the Headworks Pumping Station on-site."

SECTION 15890 Article 1.06.A.4

DELETE in its entirety.

DRAWINGS

Sheet 28 of 29 (E014): Electrical Details 1

ADD "PRECAST ELECTRIC MANHOLE DETAIL" and "MANHOLE OR HANDHOLE FRAME AND COVER DETAIL" included in attached *Figure 1 - MH Details*.

CONTRACTOR'S LEGAL BUSINESS NAME: _____

AUTHORIZED SIGNATURE: _____ DATE: _____

Mailing Address: 175 Main Street, Prince Frederick, Maryland 20678
Maryland Relay for Impaired Hearing or Speech: 1-800-735-2258

ADDENDUM NO. 3 – REVISED MARCH 27, 2020

SECTION 01010

SUMMARY OF WORK

PART 1 GENERAL

1.01. SECTION INCLUDES

- A. Definitions
- B. Work covered by Contract Documents
- C. Work by others
- D. Limits of Work area
- E. Easements
- F. Sequence of Work
- G. Operations of existing facilities
- H. Connections to existing facilities
- I. Alteration Project Procedures
- J. Cutting and Patching
- K. Facility outages
- L. Continuity of service plan

1.02. DEFINITIONS

- A. Wherever used in the Division 1 through Division 16 Specifications included herein and printed with initial capital letters, the following terms shall have the meanings indicated which are applicable to both the singular and plural thereof.
 - 1. The following definitions are copyright protected and used with the permission of the Engineers Joint Contract Documents Committee under license by GHD Inc. (Copyright © 2007 National Society of Professional Engineers for EJCDC. All rights reserved).
 - a. Applications for Payment – The form acceptable to Engineer which is to be used by Contractor during the course of the Work in requesting progress or final payments and which is to be accompanied by such supporting documentation as is required by the Contract Documents.

ADDENDUM NO. 3 – REVISED MARCH 27, 2020

- b. Drawings – That part of the Contract Documents prepared or approved by Engineer which graphically shows the scope, extent, and character of the Work to be performed by Contractor. Shop Drawings and other Contractor submittals are not Drawings as so defined.
- c. Effective Date of the Agreement – The date of the Notice to Proceed or as otherwise indicated by the County.
- d. General Requirements – Sections of Division 1 of the Specifications.
- e. Progress Schedule – A schedule, prepared and maintained by Contractor, describing the sequence and duration of activities comprising Contractor's plan to accomplish the Work within Contract Times.
- f. Project – The total construction of which Work to be performed under the Contract Documents may be the whole, or a part.
- g. Samples – Physical examples of materials, equipment, or workmanship that are representative of some portion of the Work and which establish the standards by which such portions of the Work will be judged.
- h. Schedule of Submittals – A schedule, prepared and maintained by Contractor, or required submittals and the time requirements to support scheduled performance of related construction activities.
- i. Schedule of Values – A schedule, prepared and maintained by Contractor, allocating portions of the Contract Price to various portions of the Work and used as the basis for reviewing Contractor's Applications for Payment.
- j. Shop Drawings – All drawings, diagrams, illustrations, schedules, and other data or information which are specifically prepared or assembled by or for Contractor and submitted by Contractor to illustrate some portion of the Work.
- k. Site – Lands or areas indicated in the Contract Documents as being furnished by Calvert County Government upon which the Work is to be performed, including rights-of-way and easements for access thereto, and such other lands furnished by Calvert County Government which are designated for the use of Contractor.
- l. Specifications – That part of the Contract Documents consisting of written requirements for materials, equipment, systems, standards and workmanship as applied to the Work, and certain administrative requirements and procedural matters applicable thereto.
- m. Subcontractor – An individual or entity having a direct contract with Contractor or with any other Subcontractor for the performance of a part of the Work at the Site.
- n. Substantial Completion – The time at which the Work (or a specified part thereof) has progressed to the point where, in the opinion of the Project Manager or their authorized representative, the Work (or a specified part thereof) is sufficiently complete, in accordance with the Contract Documents, so that the Work (or a

ADDENDUM NO. 3 – REVISED MARCH 27, 2020

specified part thereof) can be utilized for the purposes for which it is intended. The term "substantially complete" and "substantially completed" as applied to all or part of the Work refers to Substantial Completion thereof.

- [illegible]

1.03. PROJECT – WORK COVERED BY CONTRACT DOCUMENTS

- A. Work covered by the Contract Documents is generally summarized as follows:
1. Demolition of existing pumps and associated piping and valves.

ADDENDUM NO. 3 – REVISED MARCH 27, 2020

2. Flush and clean pump suction line from the Headworks Pumping Station to the Flow Equalization Basin.
 3. Replace existing pumps with multi-stage centrifugal pumps.
 4. Install new VFDs to control pump speeds.
 5. Install pressure indicating transmitters (PITs) on the force main.
 6. Expand width of MCC walkway in Headworks Pumping Station (HPS).
 7. Replace HVAC equipment in the HPS.
 8. Install new lighting in the HPS and Maintenance Building.
 9. Install new SMECO electrical service to the Maintenance Building.
 10. Replace existing generator with a new outdoor emergency generator.
 11. Install new electrical ductbanks and power conductors across the Site.
- B. Work not specifically identified on the Bid Form, but nevertheless required in the Contract Documents, shall be performed as shown and/or specified.

1.04. WORK BY OTHERS

- A. Contractor shall cooperate and coordinate with Calvert County Government and all others performing other work at the Site.
- B. Calvert County Government intends to self-perform cleaning of the suction piping between the Equalization Tank and the Headworks Pumping Station. Calvert County Government will coordinate this work with Contractor during construction.

1.05. LIMITS OF WORK AREA

- A. Confine construction operations within the Limits of Disturbance shown on the Drawings.
- B. Storage of equipment and materials, or erection and use of sheds outside of the Limits of Disturbance, if such areas are the property of Calvert County Government, shall be used only with Calvert County Government's approval. Such storage or temporary structures, even within the Limits of Disturbance, shall be confined to Calvert County Government's property and shall not be placed on properties designated as easements or rights-of-way.
- C. Where storage of equipment, materials, job trailers, etc. are proposed outside the approved Limits of Disturbance obtain permits including erosion and sedimentation control plan approval for those areas at no additional cost to Calvert County Government.

1.06. EASEMENTS

- A. Contractors shall obtain and pay for necessary construction permits from those authorities or agencies having jurisdiction over land areas, utilities or structures which are located within the

ADDENDUM NO. 3 – REVISED MARCH 27, 2020

Limits of Disturbance and which will be occupied, encountered, used, or temporarily interrupted by Contractor's operations.

- B. When construction permits are accompanied by regulations or requirements issued by a particular authority or agency, it shall be Contractor's responsibility to familiarize himself and comply with such regulations or requirements as they apply to his operations on this Project. All costs associated with additional field supervision or inspection by authorities or agencies having jurisdiction over land areas, utilities, or structures shall be Contractor's responsibility.
- C. Keep an approved set of permitted construction plans on Site at all times.
- D. Easements and Rights-of-Way
 - 1. Limit use of and access to easements and rights-of-way to personnel and equipment necessary to perform Work allowed by easement or rights-of-way documents.
 - 2. Maintain existing protective barriers, such as fences, gates, shrubbery barriers, or other containment devices installed to protect people or private property, such as pets or livestock. Contractor shall be responsible to mitigate damages resulting from Contractor's failure to maintain existing protective barriers.
 - 3. Maintain adequate access to private property by public service entities, such as US mail, delivery services, utilities, police, fire, rescue, or other emergency services. Contractor shall be responsible to mitigate damages resulting from Contractor's failure to maintain adequate access.

1.07. SEQUENCE OF WORK

A. GENERAL

- 1. Provide an intended sequence of construction in accordance with Section 01310 (Progress Schedule).
- 2. Contractor shall be solely responsible for the means, manpower, methods, techniques, sequences and procedures of construction unless specifically identified in the Contract Documents.
- 3. Contractor shall be responsible for sequencing and coordinating the Work in accordance with the Contract Documents.
- 4. Contractor shall provide temporary facilities to maintain continuous operation of all existing facilities and utilities unless scheduled facility shutdowns are identified in the Contract Documents.
- 5. Work shall be performed in a manner that minimizes impact to normal operation of existing facilities and utilities.
- 6. If Contractor's operations cause Calvert County Government to receive a notice of violation for a sewage spill or erosion and sedimentation practices, all costs including fines, legal notices, mailings, administrative tasks, and engineering associated with resolving such notice shall be borne by Contractor.

ADDENDUM NO. 3 – REVISED MARCH 27, 2020

B. Sequence Constraints

1. The existing Headworks Pumping Station shall not be removed from service until the temporary bypass pumping system has successfully completed Startup.
2. Temporary pumps shall not be removed from the Site and shall remain connected and available for use until successful completion of Startup of the related work requiring the temporary pumps.
3. Pumping Station No. 1 and the Grit Removal System shall remain in service throughout the full duration of the project.

1.08. OPERATION OF EXISTING FACILITIES

- A. Normal operations of the existing facilities will be performed by Calvert County Government. Only Calvert County Government's staff is allowed to operate existing facilities including equipment, valves, gates, motor controls, etc.
1. Provide Calvert County Government and Engineer a minimum of three working days written notice of necessary operation of existing valves, pumps, or equipment to facilitate construction activities.
 2. Contractor's activities shall not disrupt Calvert County Government's access to operate and maintain existing equipment and facilities. Contractor shall furnish any temporary access required, including ladders, platforms, grating, and walkways, which shall comply with OSHA laws and regulations, for necessary plant operations.
 3. Contractor's operations shall not disrupt truck access for the delivery or hauling of materials and suppliers to and from the Site.

1.09. CONNECTIONS TO EXISTING FACILITIES

- A. Contractor shall provide all cutting and patching required for connection to existing facilities.
- B. Temporary connections to existing facilities are covered in Section 01500 (Temporary Facilities).

1.10. ALTERATION PROJECT PROCEDURES

- A. Materials: As specified in individual Sections; match existing products and work for patching and extending work.
- B. Close openings in exterior surfaces to protect existing work from weather and extremes of temperature and humidity.
- C. Remove, cut, and patch work in a manner to minimize damage and to provide a means of restoring products and finishes to original conditions unless otherwise specified.
- D. Refinish visible existing surfaces to remain in renovated rooms and spaces, to specified condition for each material, with a neat transition to adjacent finishes.

ADDENDUM NO. 3 – REVISED MARCH 27, 2020

- E. Where new work abuts or aligns with existing, perform a smooth and even transition. Patched work to match existing adjacent work in texture and appearance.
- F. When finished surfaces are cut so that a smooth transition with new work is not possible, terminate existing surface along a straight line at a natural line of division and make recommendation to Engineer.
- G. Patch or replace portions of existing surfaces which are damaged, lifted, discolored, or showing other imperfections.

1.11. CUTTING AND PATCHING

- A. Employ skilled and experienced installer to perform cutting and patching.
- B. Submit written request in advance of cutting or altering elements which affects:
 - 1. Structural integrity of element.
 - 2. Integrity of weather-exposed or moisture-resistant elements.
 - 3. Efficiency, maintenance, or safety of element.
 - 4. Visual qualities of sight-exposed elements.
 - 5. Work of Calvert County Government or separate contractor.
- C. Execute cutting, fitting, and patching to complete Work, and to:
 - 1. Fit the several parts together, to integrate with other work.
 - 2. Uncover work to install or correct ill-timed work.
 - 3. Remove and replace defective and non-conforming work.
 - 4. Remove samples of installed work for testing.
 - 5. Provide openings in elements of work for penetrations of mechanical and electrical work.
- D. Execute work by methods which will avoid damage to other work, and provide proper surfaces to receive patching and finishing.
- E. Cut rigid materials using masonry saw or core drill.
- F. Restore work with new products in accordance with requirements of Contract Documents.
- G. Fit work tight to pipes, sleeves, ducts, conduit, and other penetrations through surfaces.
- H. Maintain integrity of wall, ceiling, or floor construction; completely seal voids.
- I. Refinish surfaces to match adjacent finishes. For continuous surfaces, refinish to nearest intersection; for an assembly, refinish entire unit.

ADDENDUM NO. 3 – REVISED MARCH 27, 2020

- J. Identify any hazardous substance or condition exposed during the Work to Engineer in writing for decision or remedy.

1.12. FACILITY OUTAGES

A. General:

1. Provide a minimum of 30 working days written notice to Calvert County Government and Engineer prior to actual date of scheduled outage.
2. All associated work that can be completed on a system without taking a unit or process out of service shall be completed prior to the outage to minimize down time.
3. Have all required materials, labor, tools, and equipment on Site at the required locations and available for use prior to beginning an outage.
4. Provide all temporary facilities required for outages, including bypassing pumping, in accordance with Section 01500 (Temporary Facilities) and Section 01540 (Temporary Pumping).
5. Outages cannot be scheduled to begin on a Friday or day before a scheduled Holiday.
6. When temporary shutdowns are planned utilizing tankage with finite storage volumes and/or for limited timeframes, backup bypass pumping systems shall be on Site and immediately available for use during shutdowns in case facilities cannot be brought back on-line within the required time limits.
7. Begin work on temporarily isolated facilities immediately after isolation and expedite.
8. During scheduled outages, complete all associated work within time frames and constraints identified in Contract Documents and the approved Continuity of Service Plan, including testing and Startup.
9. Contractor shall be responsible for taking existing facilities off-line, draining and cleaning existing tanks, and removing liquid and solids from existing tanks, wet wells, and other water holding structures as required for new work. Contractor is responsible for final washdown and cleaning of existing facilities to the degree required to perform associated work.

B. Scheduled Outages:

1. Contractor will be allowed to schedule facility outages identified herein.
 - a. Headworks Pumping Station: Contractor is allowed one outage, with a maximum duration of five months to perform all work identified in the Contract documents that requires the existing pumping station to be out service.
 - b. Contractor is allowed a four hour outage to transfer from the existing electrical service to the new electrical service.

ADDENDUM NO. 3 – REVISED MARCH 27, 2020

- c. Additional scheduled outages, with durations no greater than four hours, may be suggested and will be subject to Calvert County Government's approval.

1.13. CONTINUITY OF SERVICE PLAN

- A. Submit in accordance with the procedures described in Section 01300 (Submittals).
- B. Submit plans for the continuity of utility service and plant operations no later than 30 days prior to each planned interruption.
- C. Plans shall include:
 - 1. Approximate dates and times of scheduled interruption of service.
 - 2. Estimated period of outage.
 - 3. List of existing equipment and facilities that will be affected by the outage.
 - 4. Proposed sequence of equipment and facility shutdown and startup.
 - 5. Contractor personnel responsible for overseeing operations.
- D. Plans must be approved by Calvert County Government and Engineer prior to proceeding with outage. Revisions to Continuity of Service Plans after initial approval shall be resubmitted to Calvert County Government and Engineer at least 14 days prior to scheduled outage and must be approved by Calvert County Government and Engineer prior to proceeding with outage.
- E. At a minimum, it is anticipated that temporary facilities will be required for the following in order to maintain continuous operation of the pumping station. This is not intended to be an all-inclusive list.
 - 1. Headworks Pumping Station

1.14. CORRECTION PERIOD

- A. The following language is copyright protected and used with the permission of the Engineers Joint Contract Documents Committee under license by GHD Inc. (Copyright © 2007 National Society of Professional Engineers for EJCDC. All rights reserved). Where edits have been made to EJCDC language, they are clearly indicated using strikethrough for deletions and ***bold italics*** for additions.
- B. If within one year after the date of Substantial Completion (or such longer period of time as may be prescribed by the terms of any applicable special guarantee required by the Contract Documents) or by any specific provision of the Contract Documents, any Work is found to be defective, or if the repair of any damages to the land or areas made available for Contractor's use by Calvert County Government or permitted by Laws and Regulations ~~as contemplated in Paragraph 6.11.A~~ is found to be defective, Contractor shall promptly, without cause to Calvert County Government and in accordance with Calvert County Government's written instructions:
 - 1. Repair such defective land or areas; or
 - 2. Correct such defective Work; or

ADDENDUM NO. 3 – REVISED MARCH 27, 2020

3. If the defective Work has been rejected by Calvert County Government, remove it from the Project and replace it with Work that is not defective, and
 4. Satisfactorily correct or repair or remove and replace any damage to other Work, to the work of others or other land or areas resulting therefrom.
- C. If Contractor does not promptly comply with the terms of Calvert County Government's written instructions, or in an emergency where delay would cause serious risk of loss or damage, Calvert County Government may have the defective Work corrected or repaired or may have the rejected Work removed and replaced. All claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to such correction or repair or such removal and replacement (including but not limited to all costs or repair or replacement of work of others) will be paid by Contractor.
- D. In special circumstances where a particular item of equipment is placed in continuous service before Substantial Completion of all the Work, the correction period for that item may start to run from an earlier date if so provided in the Specifications.
- E. Where defective Work (and damage to other Work resulting therefrom) has been corrected or removed and replaced under ~~Paragraph 13.07~~ ***the provisions specified herein***, the correction period hereunder with respect to such Work will be extended for an additional period of one year after such correction or removal and replacement has been satisfactorily completed.
- F. Contractor's obligation under ~~this Paragraph 13.07~~ ***the provisions specified herein*** are in addition to any other obligation or warranty. The provisions of the ~~Paragraph 13.07~~ ***specified herein*** shall not be construed as a substitute for, or a waiver of, the provisions of any applicable statute of limitation or repose.

PART 2 PRODUCTS

Not used.

PART 3 EXECUTION

Not used.

END OF SECTION